Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 29 Jan 2021 until 23:59 on Saturday 30 Jan 2021

Forecast Issued on Thursday 28 Jan 2021 at 13:13

Confidence: High for overall developments, but medium in detail from Sunday and also lower confidence for amounts of snow over the weekend.

Headline for Friday 29 Jan 2021: A rather wet start but becoming drier and brighter through the morning. Some sleet or snow in evening

Mountain weather hazards on Friday 29 Jan 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
		FOG	FOG				MIST
Cloudy	Light rain	Fog	Fog	Cloudy	Cloudy	Sleet	Mist
Precipitation probability							
>95%	90%	80%	30%	10%	10%	40%	30%

Forecast for Friday 29 Jan 2021

Weather: Cloud thickening overnight to bring outbreaks of rain, some heavy. Then a cloudy and rather wet start to the day but rain soon turning light and patchy before clearing southwards. Drier and brighter by lunchtime, with a few sunny spells in the afternoon, but perhaps the odd shower. Cloud thickening in the evening to bring patchy sleet or snow.

Chance of cloud free mountain/hill tops above 600m: 20% or less at first with extensive cloud down to 500m, but 70% by the end of the morning, with broken cloud around 600m. Chance reducing after dark with more extensive cloud down to 500m.

Visibility: Moderate or poor in rain at first, but very poor on the tops, becoming generally very good by the end of the morning, but moderate sometimes poor in the evening.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Friday 29 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/34 W	23/31 W	16/21 W	15/21 W	19/25 W	16/22 NW	13/20 NE	16/23 E	20/28 E
300	19/28 SW	16/26 SW	11/18 SW	12/18 W	15/23 W	11/17 NW	11/18 N	13/22 E	16/27 E
Valley	13/27 SW	9/23 SW	7/16 SW	8/18 W	11/21 W	9/18 NW	9/18 N	13/25 E	15/30 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/0	4/-2	3/-2	3/-2	4/-2	3/-2	1/-4	-0/-6	-1/-8
300	8/4	6/2	5/2	5/1	6/2	6/2	4/-0	2/-3	1/-4
Valley	8/5	6/3	6/3	5/3	6/3	6/3	4/1	3/-2	2/-3
Freezing Level*	1500m	1100m	1200m	1100m	1100m	1100m	800m	500m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A touch of wind chill on the tops with rain and stronger winds early in day, but more likely in evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 28 Jan 2021	24.4mm	33.4mm	35.2mm

Forecast for Saturday 30 Jan 2021

Weather: Cloudy with a little sleet or snow in early hours, but cloud thickening later in night to bring heavy rain or snow, mainly falling as rain below 300m, but increasingly down to lower levels as Saturday morning progresses, with blizzard conditions and a severe chill. Snow gradually becoming lighter and more patchy then clearing in afternoon with some brightness perhaps breaking through but staying mostly cloudy and becoming very cold, though clearer skies in evening.

Maximum wind: Easterly 25 gust 35mph increasing 35 gust 50mph by the morning. Becoming northeasterly in the afternoon, but decreasing 25 gust 35mph in evening.

Chance of cloud free mountain/hill tops above 600m: No chance in morning, but improving to around 40% in the afternoon as cloud lifts and becomes more broken. Better chance in evening as cloud breaks up.

Visibility: Poor or very poor, but almost nil in blizzard conditions. Becoming mostly good in the afternoon.

Temperature: **Valleys:** Plus 1 or 2 C at best
At 600m: Minus 2 or 3 C
Freezing level: 400m falling to all levels by the afternoon.

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